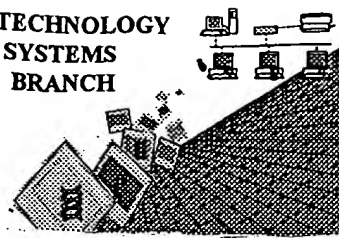


0570
0306

BIOTECHNOLOGY
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**RAW SEQUENCE LISTING
ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/769,744
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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

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1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
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Revised 01/29/2002



OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/769,744

DATE: 03/07/2002
TIME: 13:57:21

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Output Set: N:\CRF3\03072002\I769744.raw

**Does Not Comply
Corrected Diskette Needed**

3 <110> APPLICANT: Microbial Technics Limited
4 Le Page, Richard WF
5 Wells, Jeremy M
6 Hanniffy, Sean B
7 Hansbro, Philip M
9 <120> TITLE OF INVENTION: Proteins
11 <130> FILE REFERENCE: PWC/P21122WO
COK 13 <140> CURRENT APPLICATION NUMBER: US/09/769,744
COK 14 <141> CURRENT FILING DATE: 2002-02-21
16 <150> PRIOR APPLICATION NUMBER: GB 9816336.3
17 <151> PRIOR FILING DATE: 1998-07-27
19 <150> PRIOR APPLICATION NUMBER: US 60/125329
20 <151> PRIOR FILING DATE: 1999-03-19
22 <160> NUMBER OF SEQ ID NOS: 196
24 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

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7334 <212> TYPE: DNA
7335 <213> ORGANISM: Streptococcus pneumoniae
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Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 03/07/2002

PATENT APPLICATION: US/09/769,744

TIME: 13:57:24

Input Set : D:\P21122US Sequence listing.txt

Output Set: N:\CRF3\03072002\I769744.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:7356 M:252 E: No. of Seq. differs, <211>LENGTH:Input:1101 Found:1100 SEQ:141

L:9145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182